

PATENT COOPERATION TREATY
PCT
INTERNATIONAL SEARCH REPORT
(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 2414-101	FOR FURTHER ACTION		see Form PCT/ISA/220 as well as, where applicable, item 5 below
International application No. PCT/CA2005/000534	International filing date (<i>day/month/year</i>) 07 April 2005 (07-04-2005)	(Earliest) Priority date (<i>day/month/year</i>) 12 April 2004 (12-04-2004)	
Applicant VANDEBKEN, MARK			

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of:

☒ the international application in the language in which it was filed

☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I

2. ☐ Certain claims were found unsearchable (see Box No. II)

3. ☐ Unity of invention is lacking (see Box No. III)

4. With regard to the title,

☐ the text is approved as submitted by the applicant

☒ the text has been established by this Authority to read as follows:

Method and Apparatus for Manufacturing a Circular Metal Tank

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 1a and 14a

☐ as suggested by the applicant

☐ as selected by this Authority, because the applicant failed to suggest a figure

☒ as selected by this Authority, because this figure better characterizes the invention

b. ☐ none of the figures is to be published with the abstract

A CLASSIFICATION OF SUBJECT MATTER
IPC(7): B21D 51/18, B23K 37/04, B23K 11/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC(7): B21D - ALL; B23K - ALL

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used)

Databases: CPD, Delphion, QWEB, USPIO

Keywords: pipe, tube, sheet, strip, cylinder, cylindrical, silo; helical, coiling, spiral, volute, whorled, turbinate; edge, fold, bend, guide, crease, corrugate; weld, join, fuse; metal, steel

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	US 3,863,479 A (X. LIPP) 04 FEBRUARY 1975 (1975-02-04) * entire disclosure	1-4, 6-14, 17-26
Y	US 2,986,193 A (P. HOWELL) 30 MAY 1961 (1961-05-30) * C 2, L 47 to C 3, L 19 and C 8, 60 to C 9, L 7 and Fig. 2, 22 and 23	1, 2, 4, 7, 8, 12, 14, 18-26
Y	US 4,074,847 A (M. MCFAITER) 21 FEBRUARY 1978 (1978-02-21) * C 3, L 25-49, Fig 5	1, 5, 14-16
Y	US 2,233,233 A (R. WILLIAMS) 25 February 1941 (1941-02-25) * C 2, L 36-41	15

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"I" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

10 July 2005 (10-07-2005)

Date of mailing of the international search report

11 August 2005 (11.08.2005)

Name and mailing address of the ISA/CA
Canadian Intellectual Property Office
Place du Portage I, C114 - 1st Floor, Box PCI
50 Victoria Street
Gatineau, Quebec K1A 0C9
Facsimile No: 001(819)953-2476

Authorized officer

Craig MacMillan (819) 934-3422

Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
US3863479	04-02-1975	AR201202 A1	21-02-1975
		AT325927B B	10-11-1975
		AT607273 A	15-01-1975
		AU466422 B2	30-10-1975
		AU6031673 A	01-05-1975
		BE798074 A1	31-07-1973
		BR7306539D D0	27-06-1974
		CA987968 A1	27-04-1976
		CH568106 A5	31-10-1975
		CS174220 B2	31-03-1977
		DD106958 A5	12-07-1974
		DE2250239 A1	25-04-1974
		DK146042B B	13-06-1983
		ES412547 A1	01-01-1976
		FI58195B B	29-08-1980
		FI60282B B	31-08-1981
		FR2202739 A1	10-05-1974
		GB1424853 A	11-02-1976
		HK71278 A	08-12-1978
		HU168690 B	28-06-1976
		IE38477 B1	29-03-1978
		IL42573 A	31-07-1977
		IT993912 B	30-09-1975
		JP916911C C	15-08-1978
		NL157522B B	15-08-1978
		NO140657B B	09-07-1979
		PL89472B B1	30-11-1976
		RO64717 A1	15-06-1980
		SE402722 B	17-07-1978
		SU1152511 A3	23-04-1985
		TR17957 A	23-07-1976
		YU36625B B1	31-08-1984
		ZA7304187 A	29-05-1974
US2986193	30-05-1961	none	
US4074847	21-02-1978	none	
US2233233	25-02-1941	none	